



US009747948B2

(12) **United States Patent**
Croft

(10) **Patent No.:** **US 9,747,948 B2**

(45) **Date of Patent:** ***Aug. 29, 2017**

(54) **METHOD OF AUTOMATICALLY
MODIFYING THE PROBABILITY OF
RANDOM SELECTION OF A
PRESENTATION BASED ON HOW LONG
THE USER DELAYS BEFORE SKIPPING
(TIME-BASED SKIP WEIGHTING)**

(58) **Field of Classification Search**
USPC 706/11
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

(71) Applicant: David Wallace Croft , Dallas, TX (US)	8,805,758 B2 *	8/2014	Croft	G11B 27/105 706/14
(72) Inventor: David Wallace Croft , Dallas, TX (US)	2002/0103796 A1	8/2002	Hartley	
	2004/0017997 A1	1/2004	Cowgill	
	2005/0098023 A1	5/2005	Toivonen et al.	
	2007/0100481 A1	5/2007	Toms et al.	
	2012/0123982 A1 *	5/2012	Croft	G11B 27/322 706/14
	2015/0371148 A1 *	12/2015	Croft	G11B 27/105 706/11

(21) Appl. No.: **14/311,237**

OTHER PUBLICATIONS

(22) Filed: **Jun. 20, 2014**

(65) **Prior Publication Data**

US 2015/0371148 A1 Dec. 24, 2015

Related U.S. Application Data

(63) Continuation of application No. 13/317,970, filed on Nov. 1, 2011, now Pat. No. 8,805,758.

(60) Provisional application No. 61/456,524, filed on Nov. 9, 2010.

(51) **Int. Cl.**

G06F 17/00 (2006.01)

G06F 17/20 (2006.01)

G11B 27/10 (2006.01)

G11B 27/031 (2006.01)

(52) **U.S. Cl.**

CPC **G11B 27/105** (2013.01); **G11B 27/031**
(2013.01)

Interactive visual analysis of multiobjective optimizations Wolfgang Berger; Harald Piringer 2010 IEEE Symposium on Visual Analytics Science and Technology Year: 2010 pp. 215-216, DOI: 10.1109/VAST.2010.5651694 IEEE Conference Publications.*
Strategies for addressing linearity issues in active device modeling Angel Mediavilla; José A. García; Lorena de Cabria; Francisco Marante 2010 IEEE MTT-S International Microwave Symposium Year: 2010 pp. 1202-1205, DOI: 10.1109/MWSYM.2010.5515861 IEEE Conference Publications.*

(Continued)

Primary Examiner — Michael B Holmes

(74) *Attorney, Agent, or Firm* — John Lindsay

(57) **ABSTRACT**

A method of adjusting the probability of a presentation being randomly selected during random play based on user feedback where the length of delay prior to the user pressing the skip button causes a modification in the probability of that presentation being displayed again.

18 Claims, 11 Drawing Sheets

